



HIGGINBOTHAM et al. P04580US01
Application No. 09/871,183
METHODS AND COMPOSITIONS FOR
EFFICIENT GENE TRANSFER USING
TRANSCOMPLEMENTARY VECTORS

Basic Wild Type Adenovirus Genome



Fig. 1

Ad Vector #1



+

Ad Vector #2

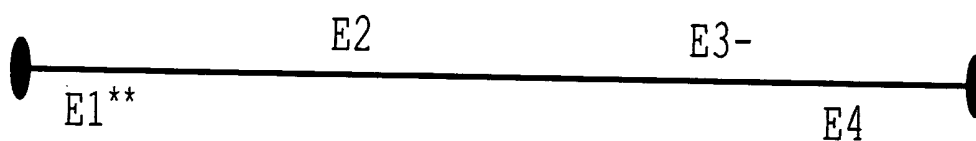


Fig. 2

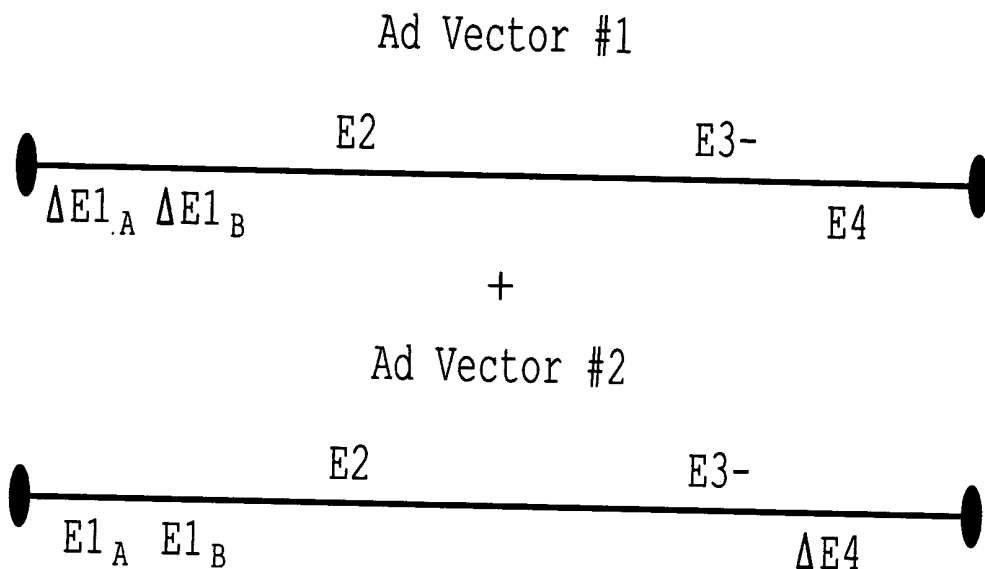


Fig. 3

Improved Delivery using Tumor Restricted Replication

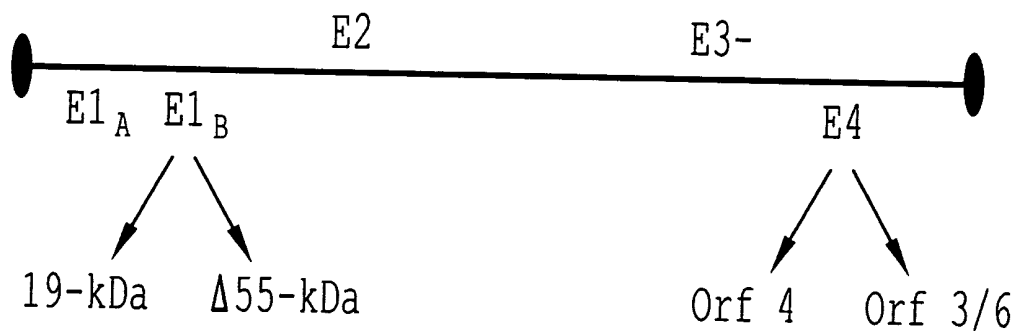


Fig. 4

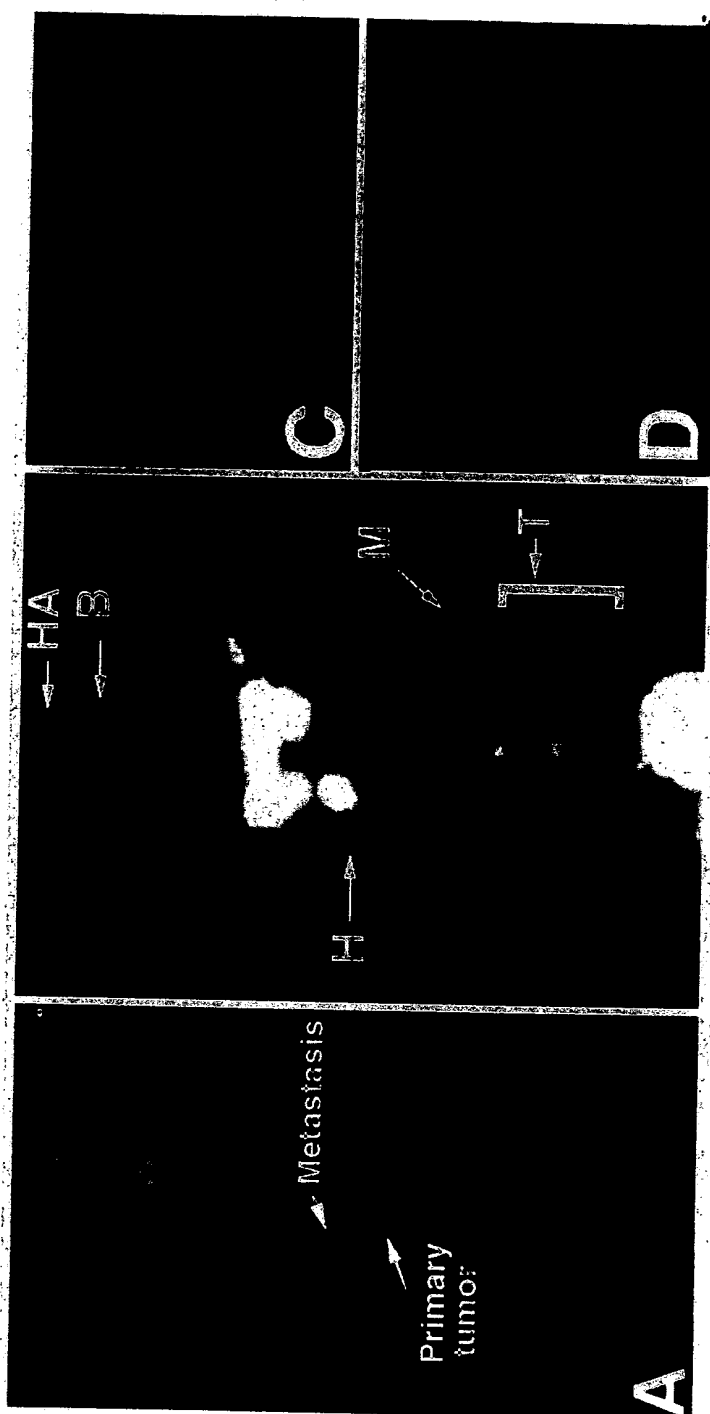


Fig. 5

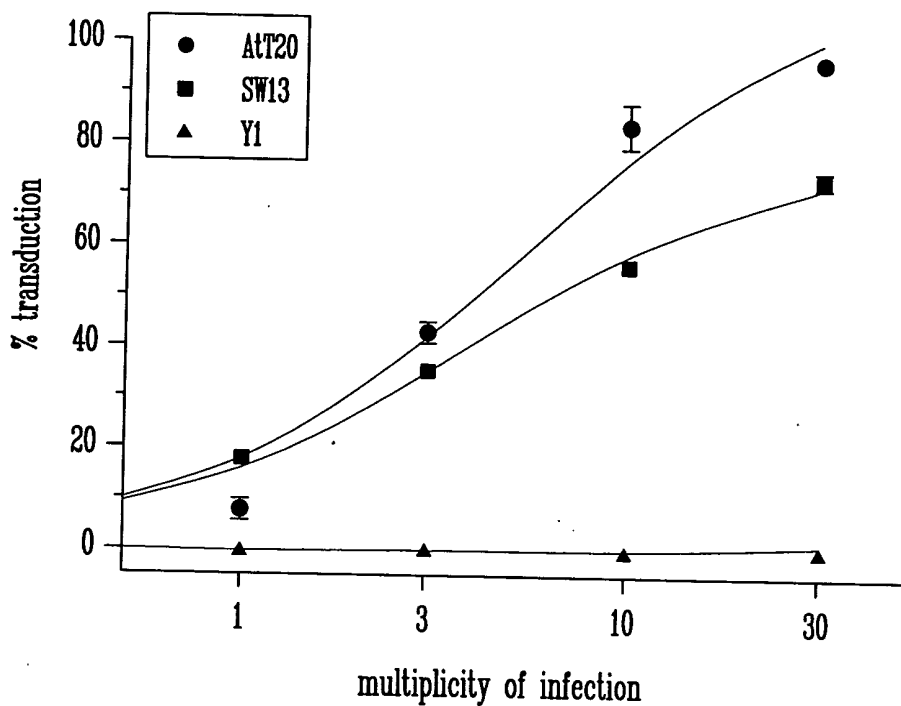


Fig. 6

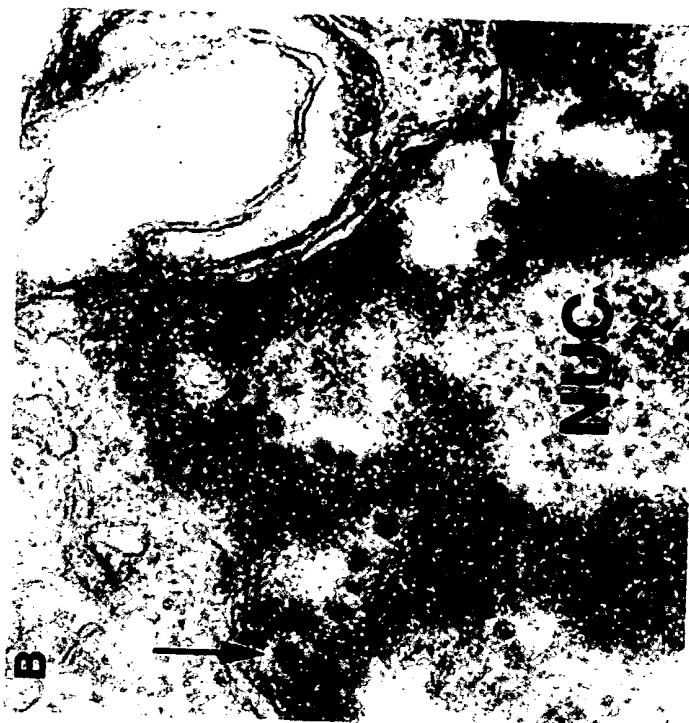


Fig. 7B

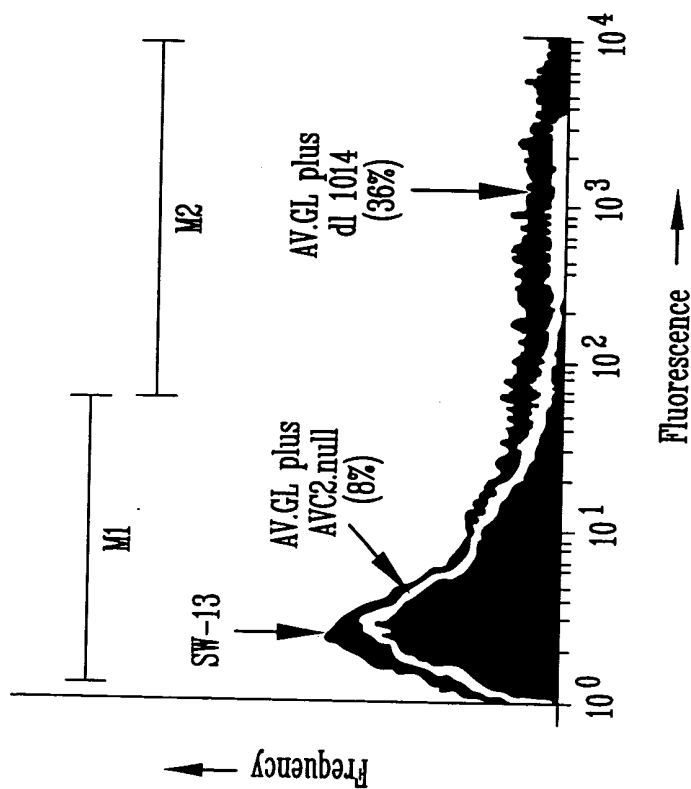


Fig. 7A

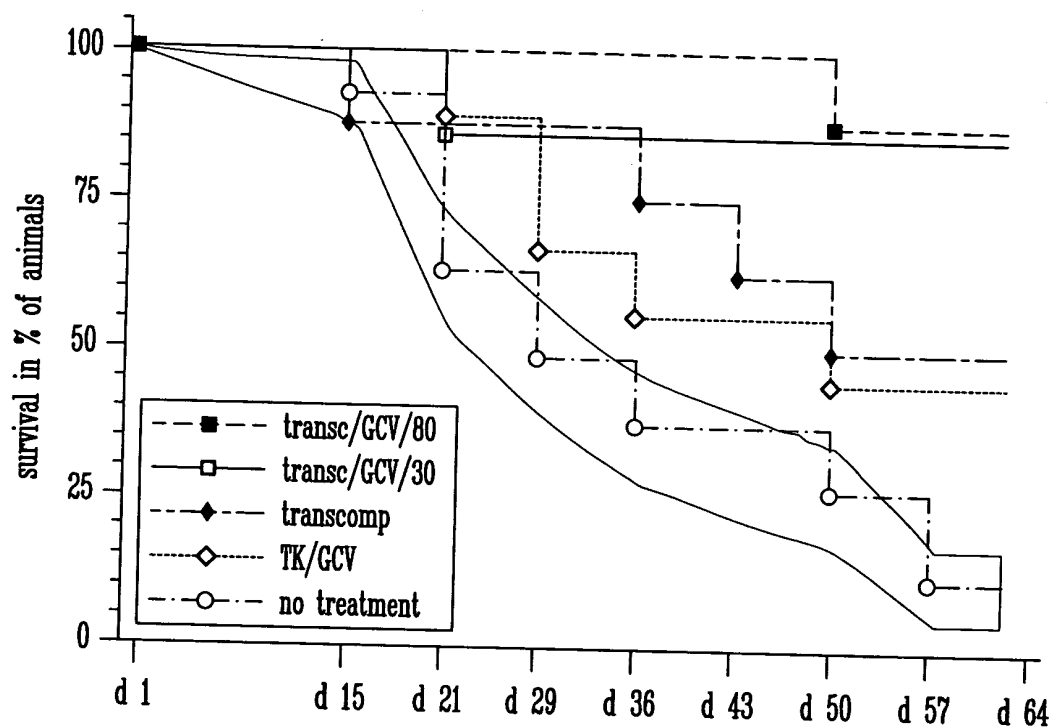


Fig. 8

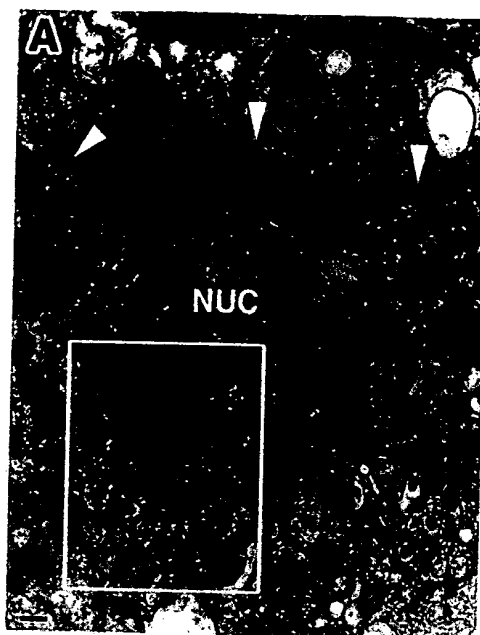


Fig. 9A

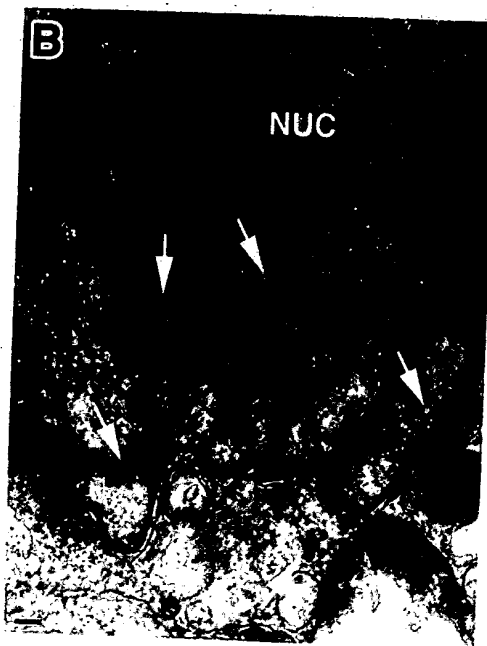


Fig. 9B



Fig. 10A

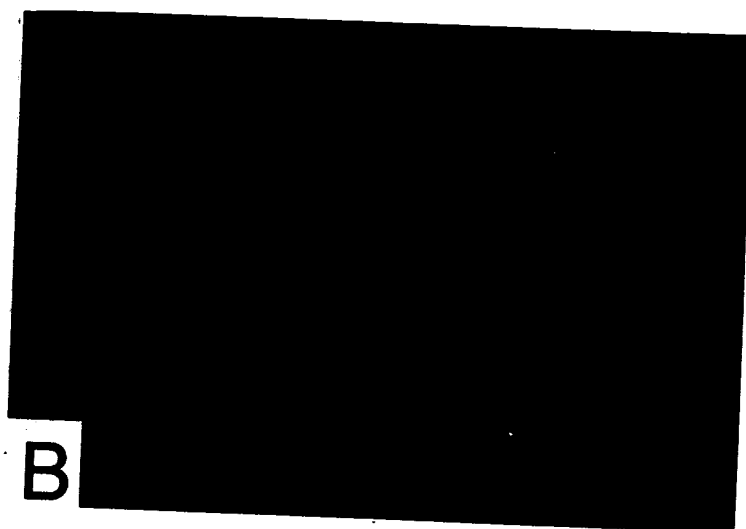


Fig. 10B

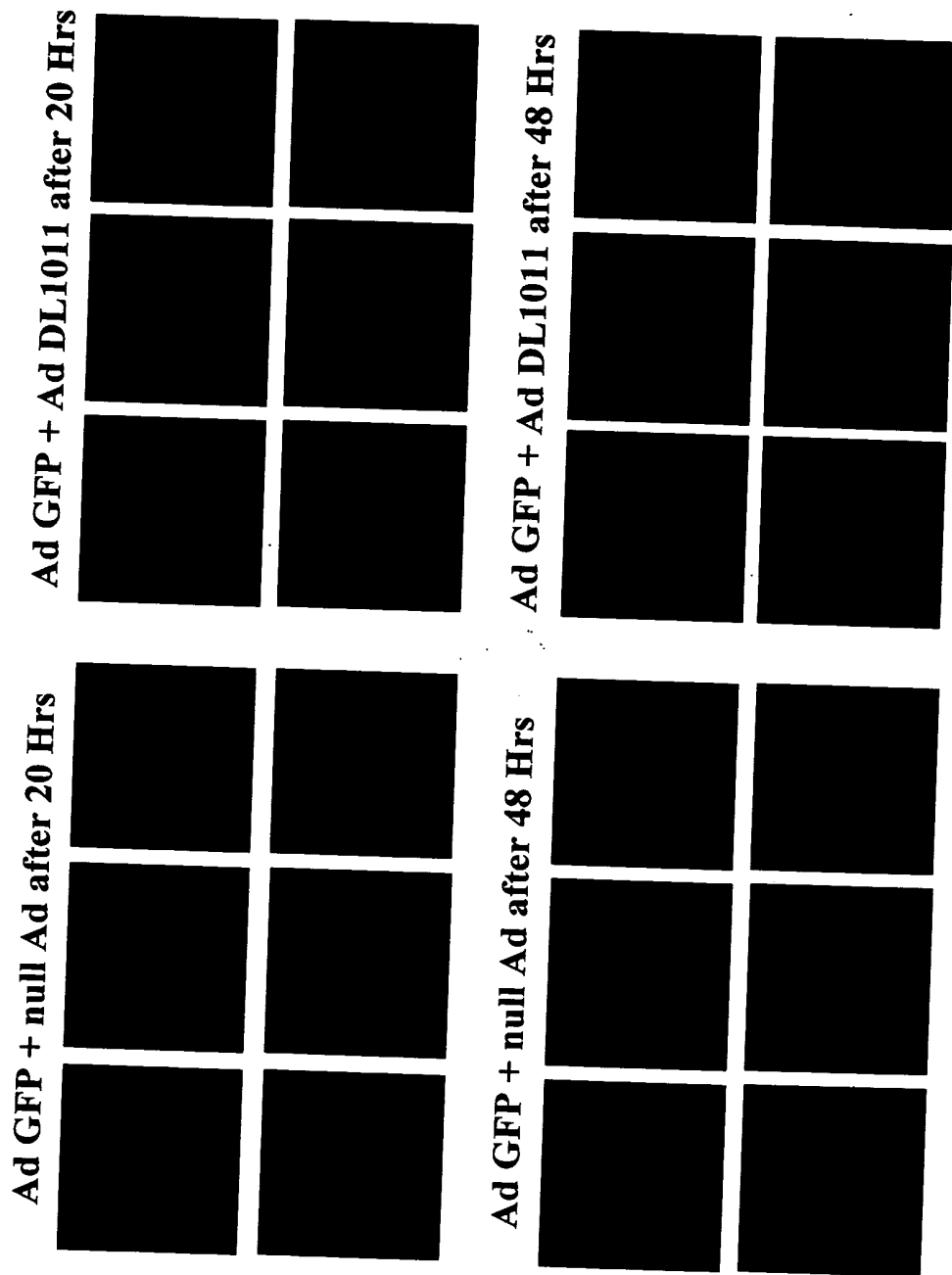


Fig. 11

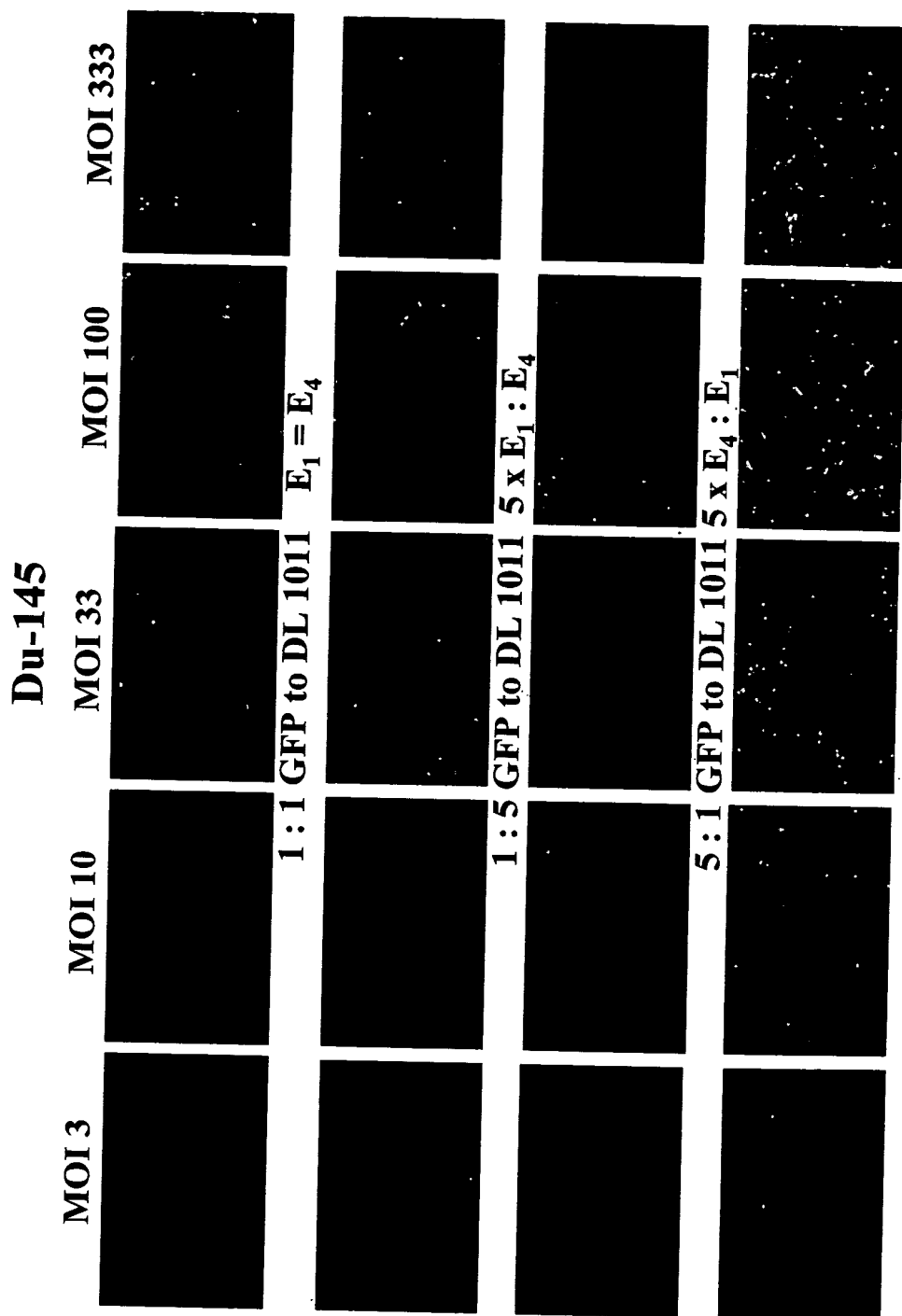


Fig. 12



HCT 115 96 Hours after Vector Administration

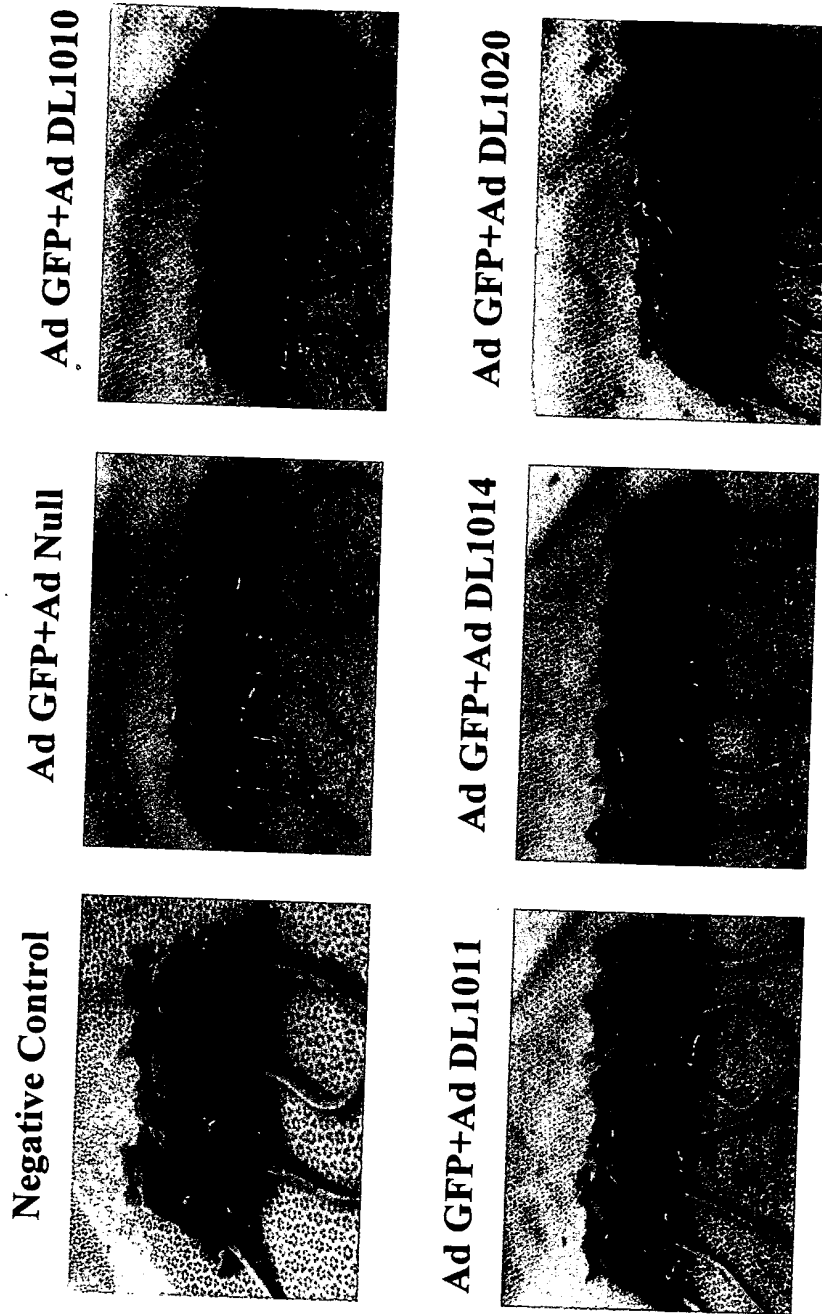


Fig. 13A



HCT 115 120 Hours after Vector Administration

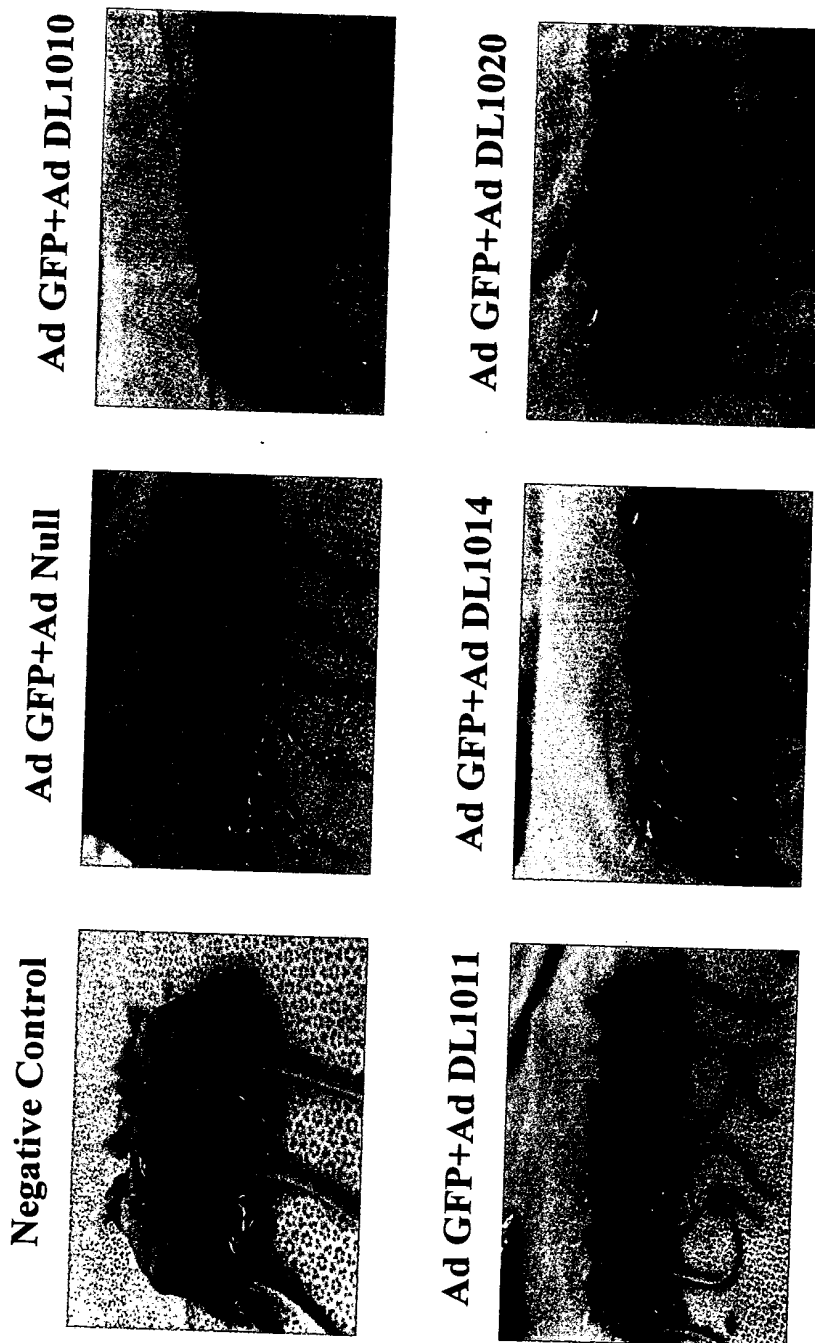


Fig. 13B

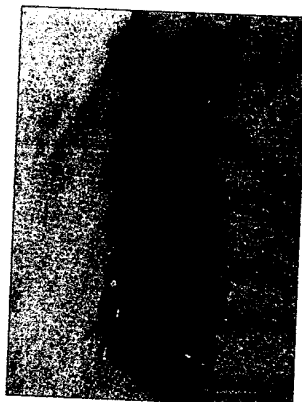


HCT 115 144 Hours after Vector Administration

Negative Control



Ad GFP+Ad Null



Ad GFP+Ad DL1010



Ad GFP+Ad DL1011



Ad GFP+Ad DL1014



Ad GFP+Ad DL1020



Fig. 13C



HCT 116 96 Hours after Vector Administration

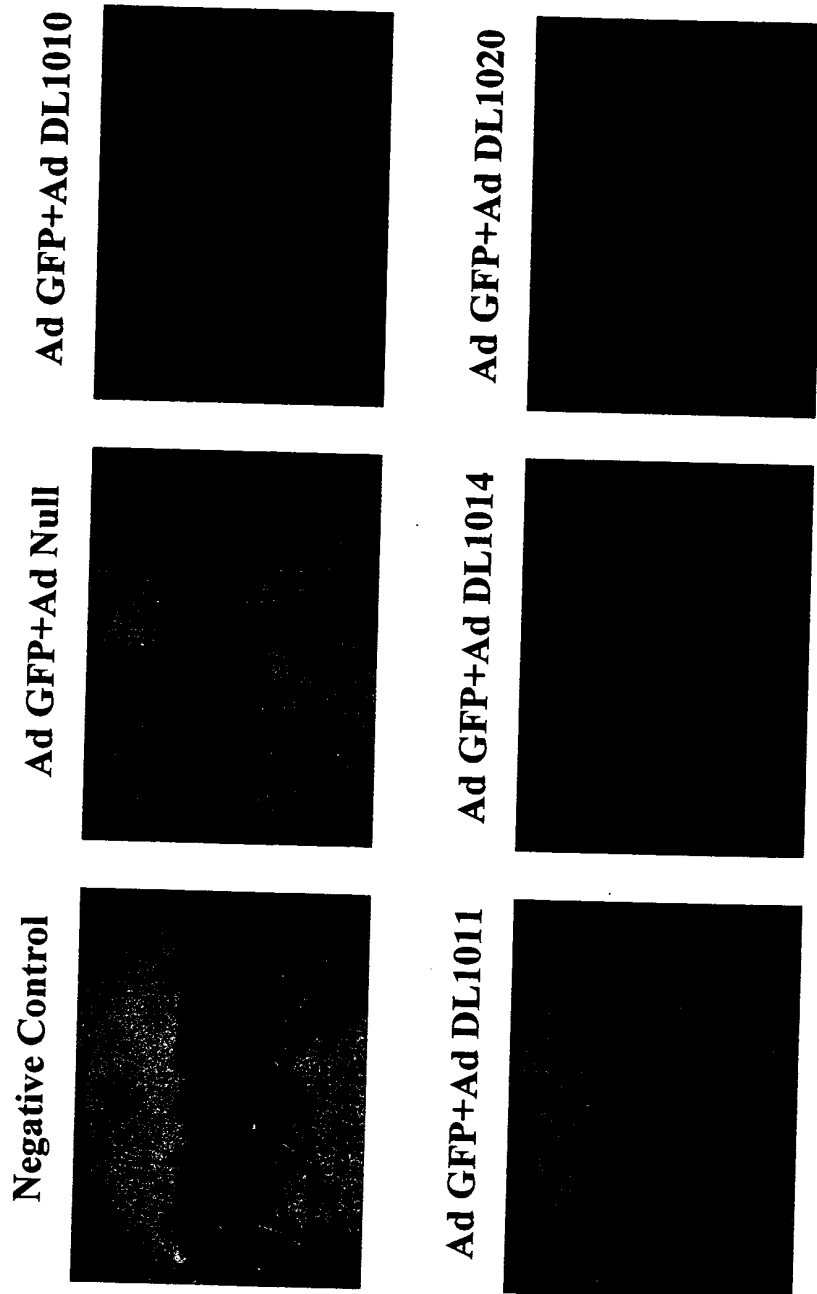


Fig. 14A



HCT 116 120 Hours after Vector Administration

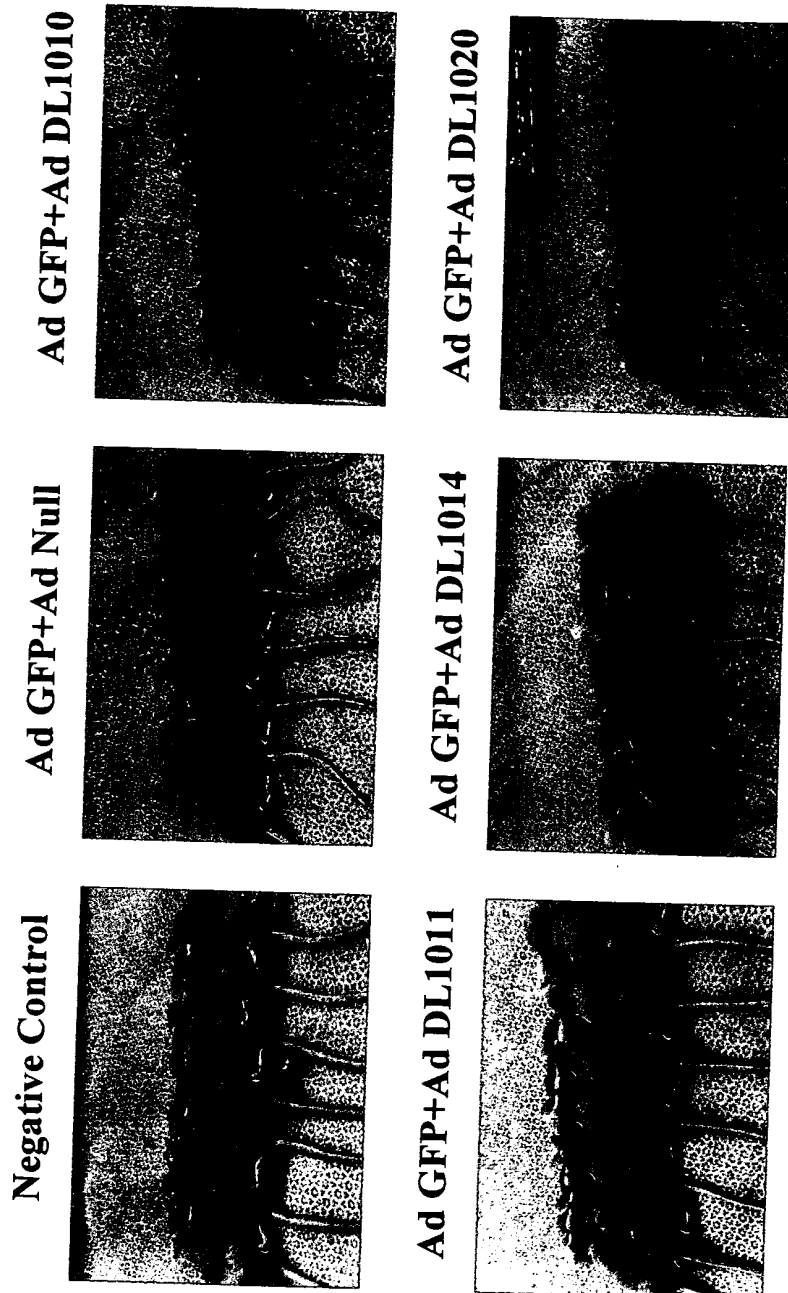


Fig. 14B



HCT 116 144 Hours after Vector Administration

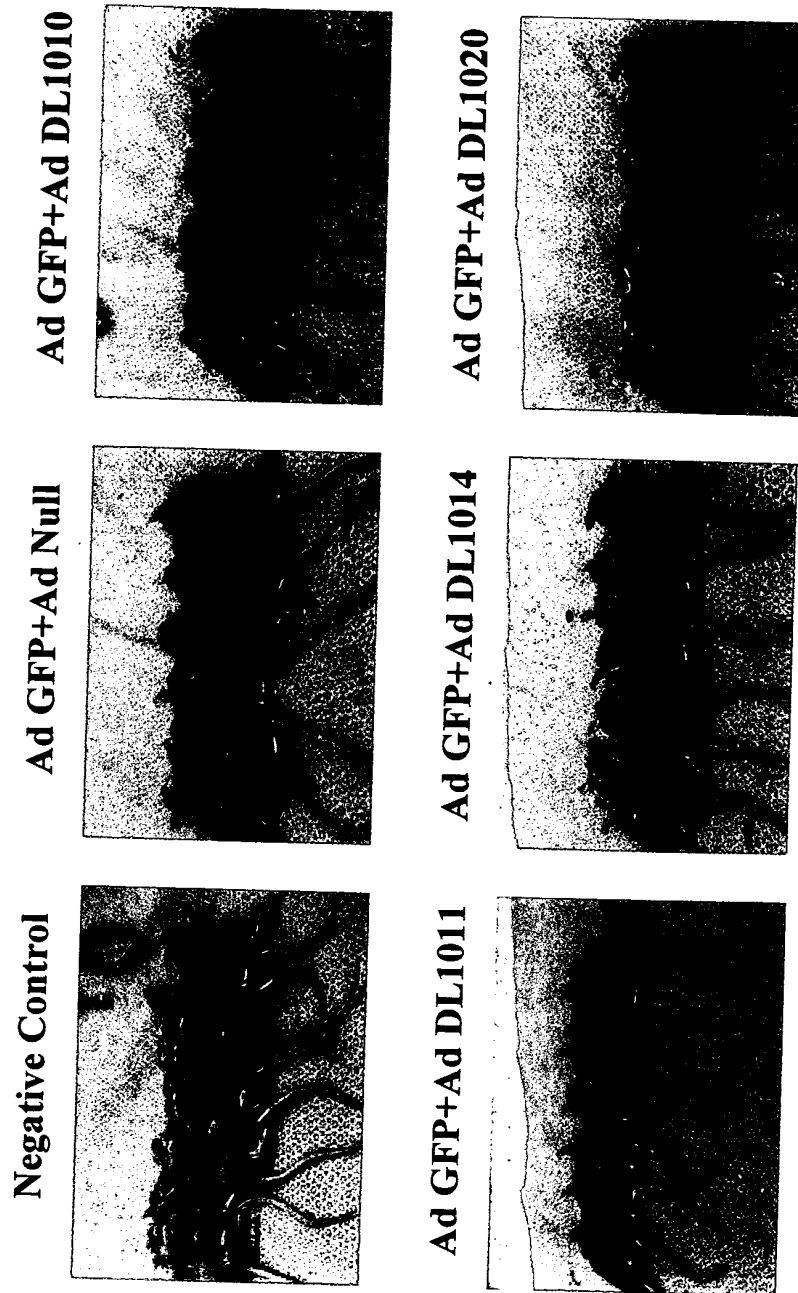


Fig. 14C

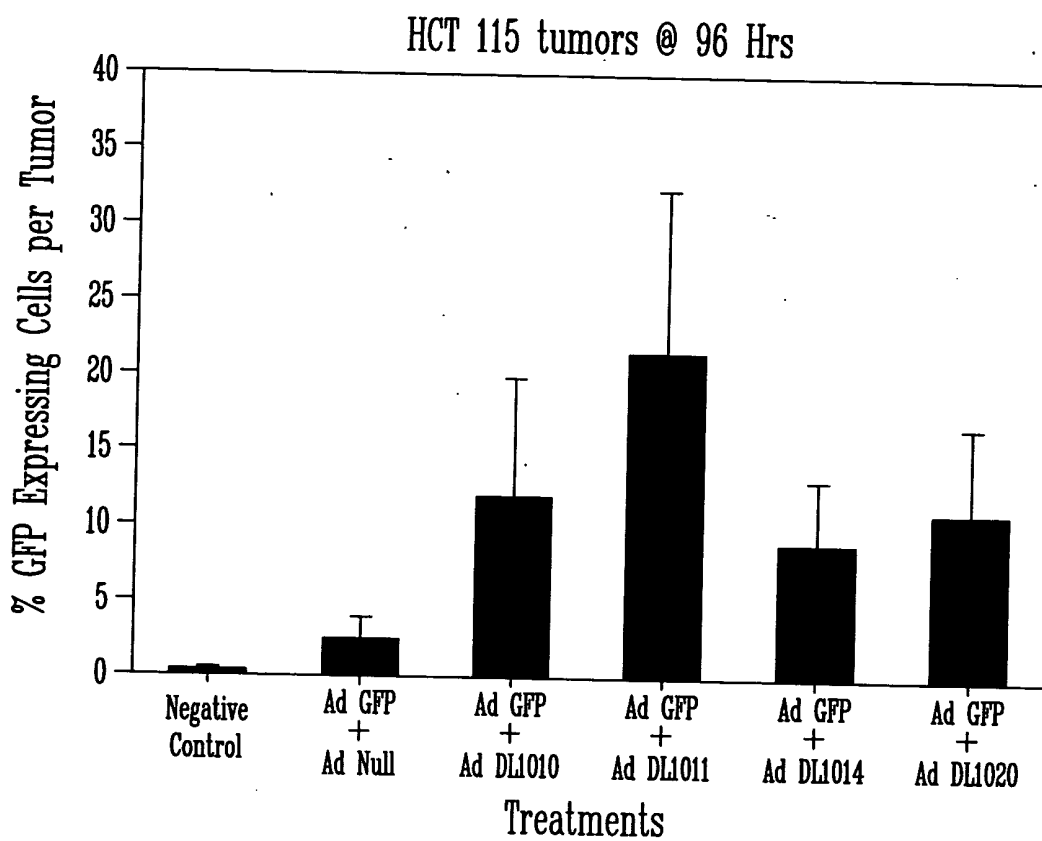


Fig. 15A

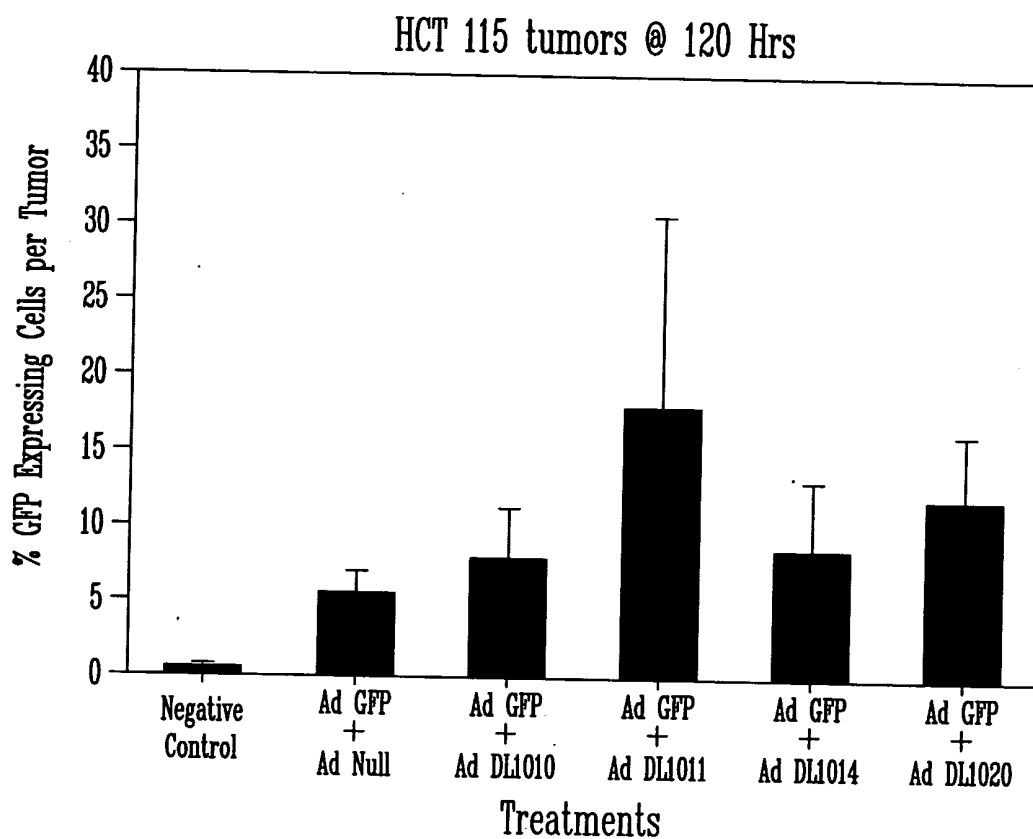


Fig. 15B

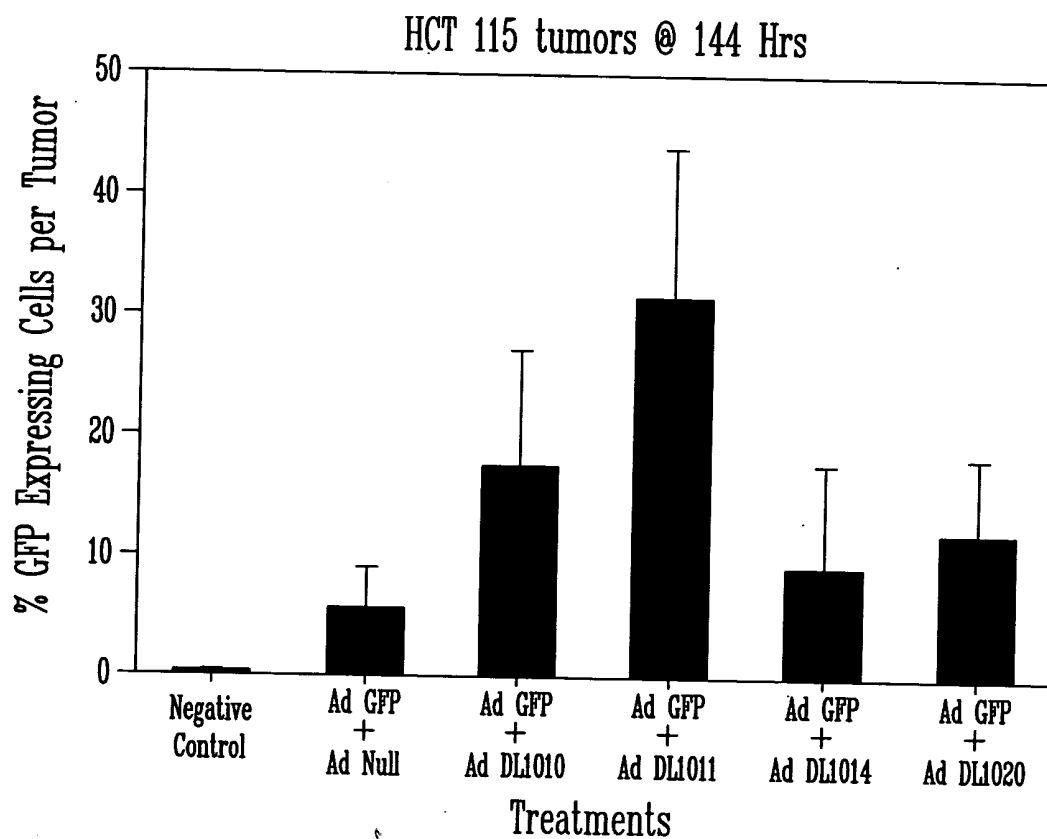


Fig. 15C

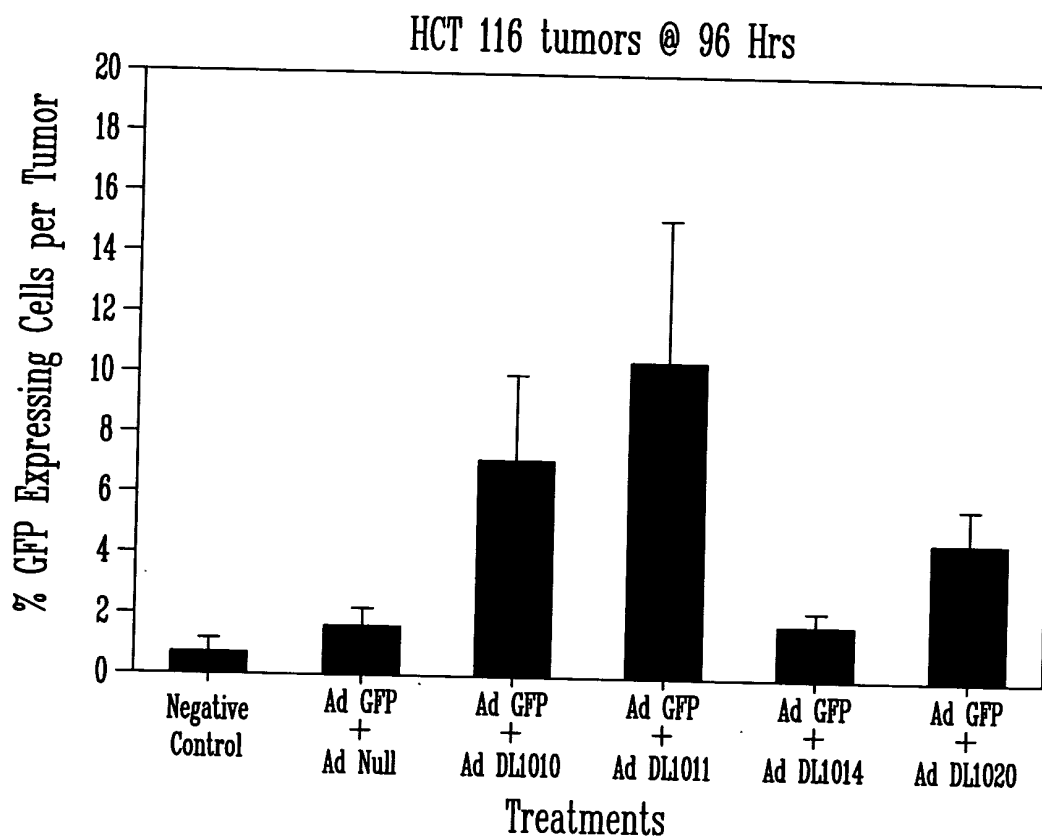


Fig. 16A

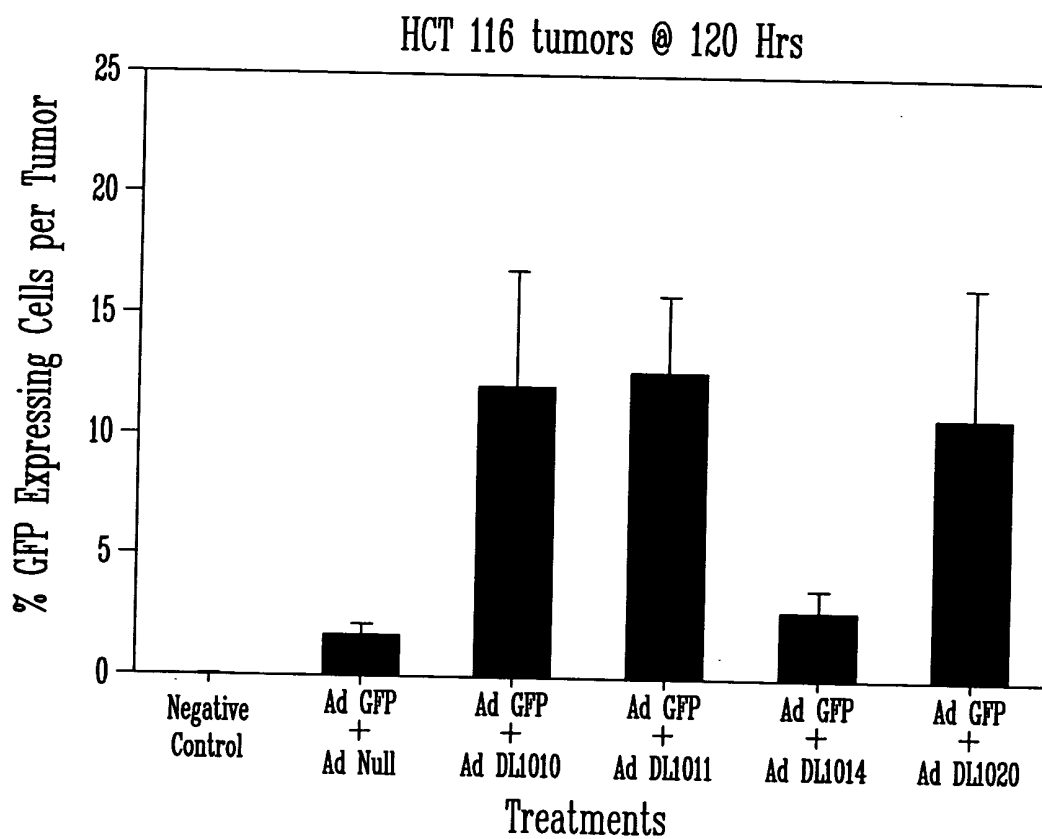


Fig. 16B

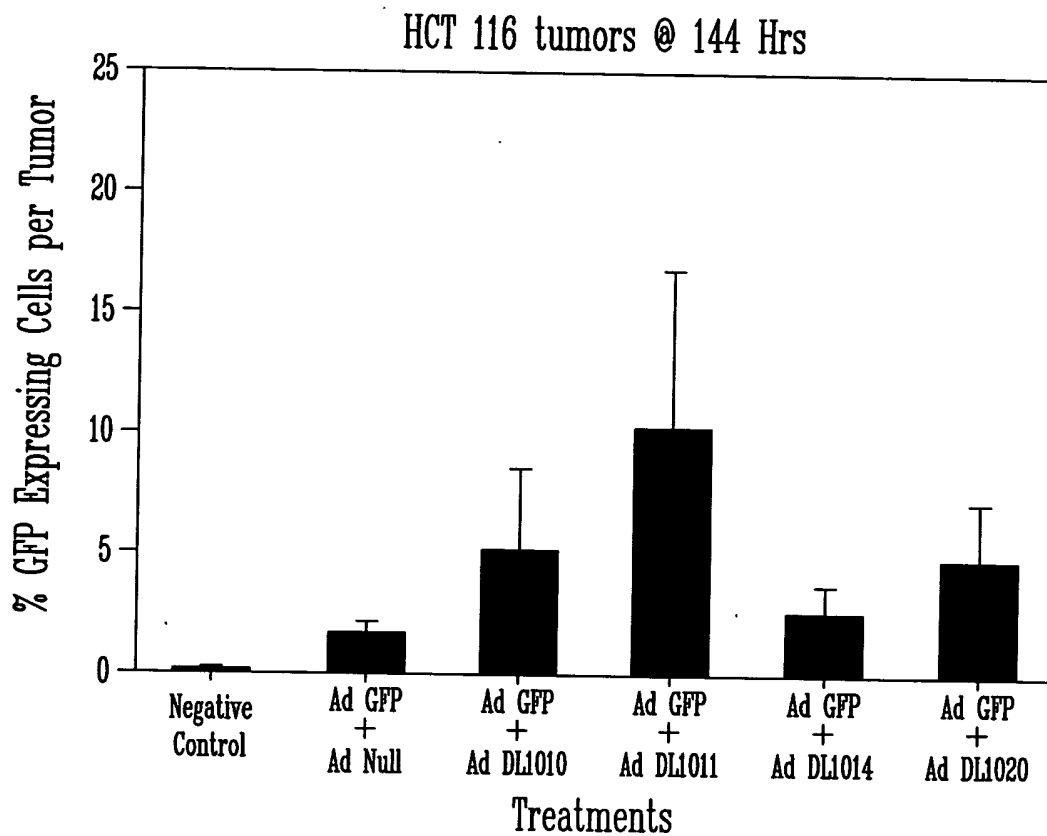


Fig. 16C

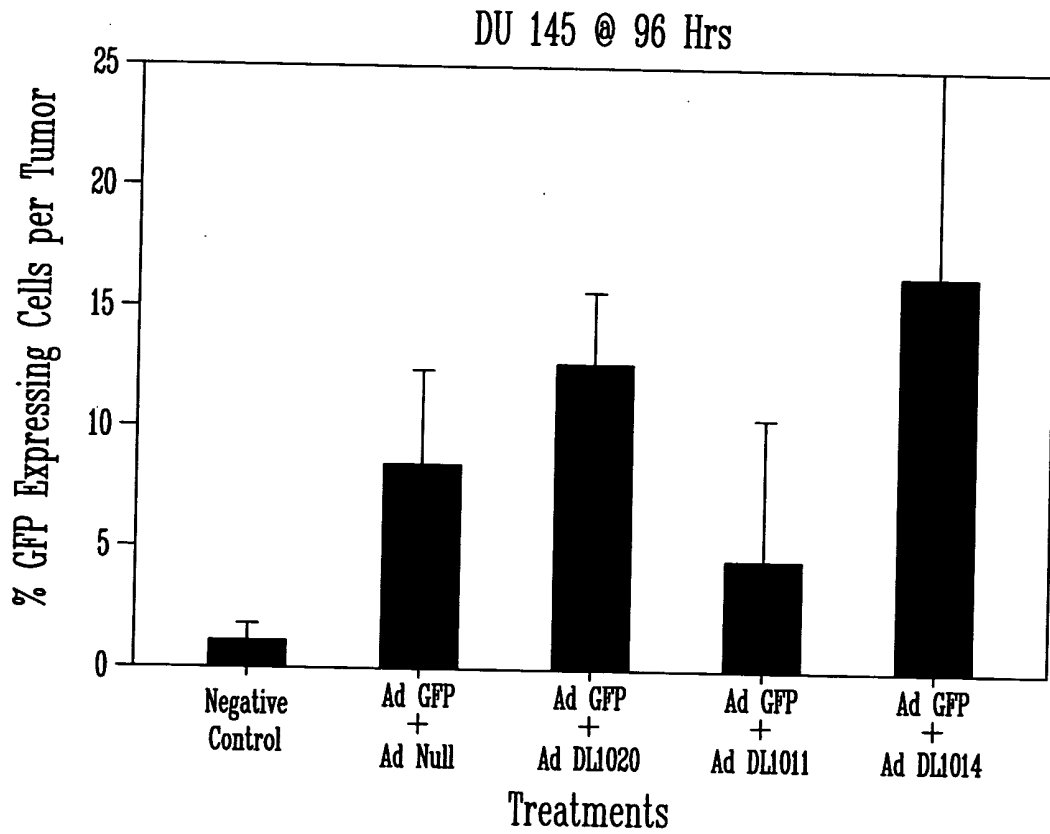


Fig. 17A

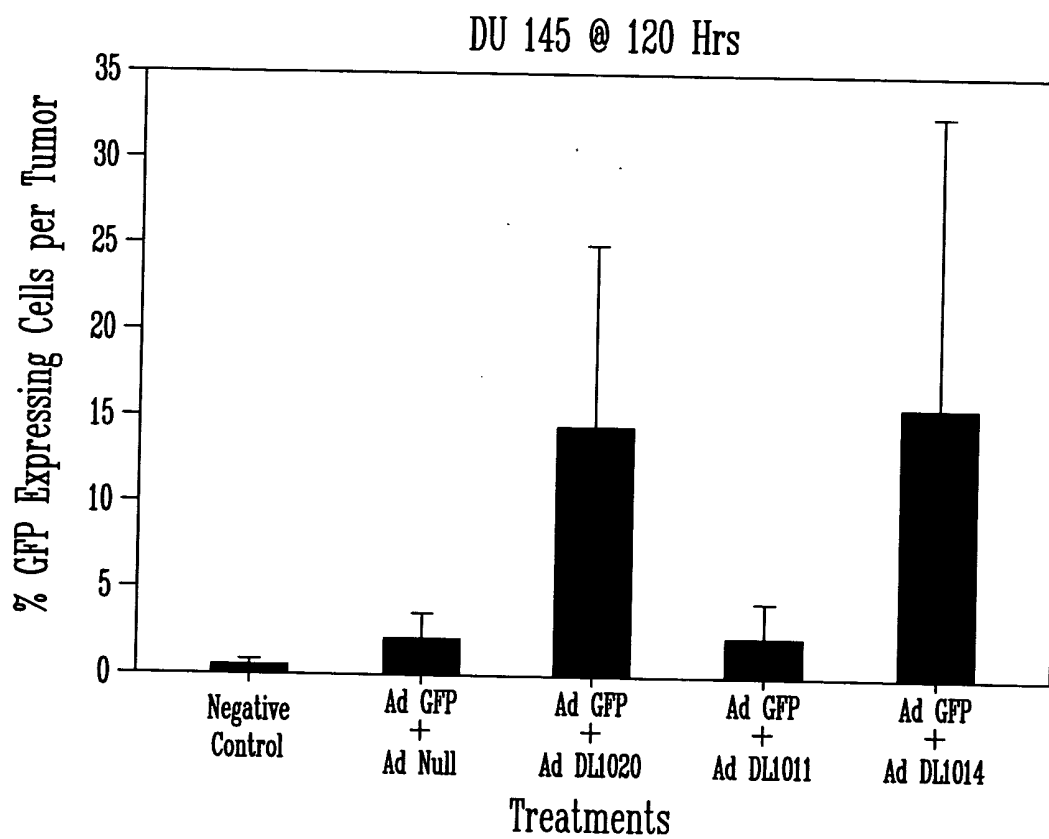


Fig. 17B

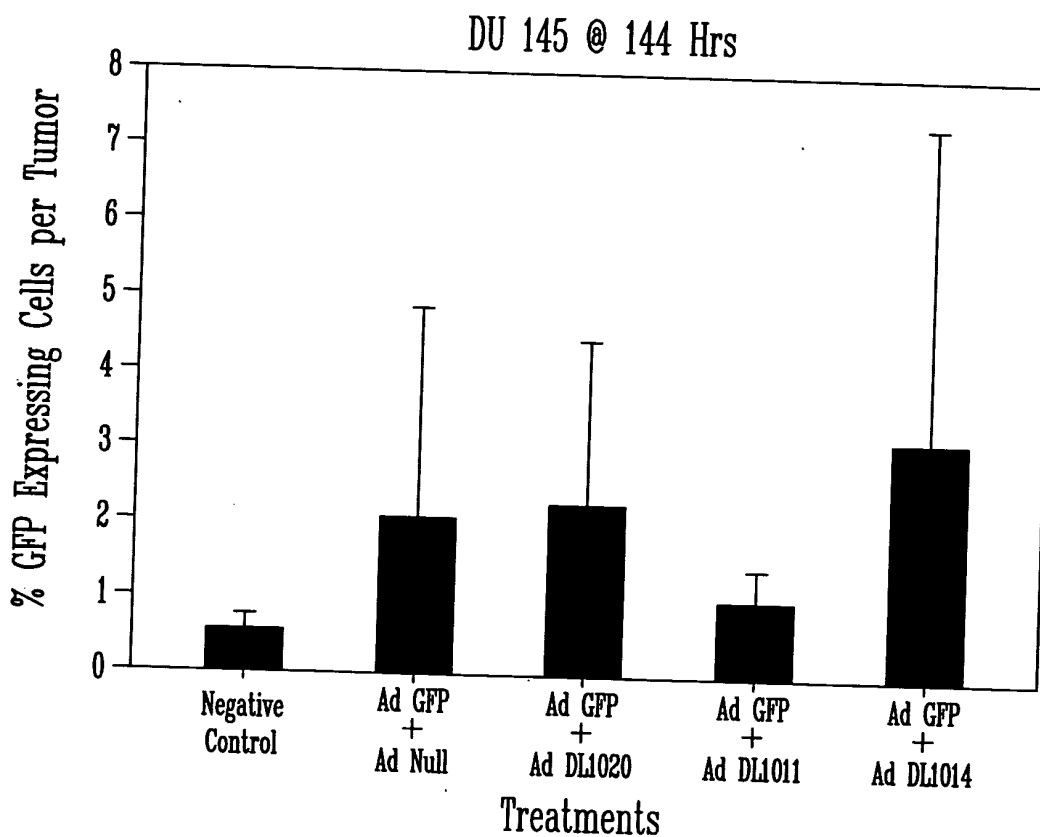


Fig. 17C